

## EAST Search History

| Ref # | Hits | Search Query   | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
|       |      | key with replicat\$5 copy\$3 duplicat\$5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2007/11/29 12:55 |
| S1    | 7    | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2006/11/22 18:01 |
| S2    | 6    | ("4653104" "4899391" "5307151" "5314274" "5552992" "6175638").PN.                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2006/11/22 18:02 |
| S3    | 647  | 715/764  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2006/11/20 19:44 |
| S4    | 9    | 715/764 and key with (duplicate copy)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2006/11/20 19:47 |
| S5    | 227  | key with (duplicate copy) with blank   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2007/06/23 20:17 |
| S6    | 2    | key with (duplicate copy) with blank with value with input                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2007/06/23 20:17 |
| S7    | 10   | key with blank with value with input   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2006/11/20 19:49 |
| S8    | 4    | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and interface        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2006/11/20 19:51 |
| S9    | 0    | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and value with input | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2006/11/20 19:51 |
| S10   | 4    | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and input            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2006/11/20 20:08 |

## EAST Search History

|     |   |  |   |    |     |                  |
|-----|---|--|---|----|-----|------------------|
| S11 | 0 | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and updat    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:09 |
| S12 | 4 | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and assist   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:10 |
| S13 | 0 | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and help     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:10 |
| S14 | 1 | ("4653104" "4899391" "5307151" "5314274" "5552992" "6175638").PN. and help               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:10 |
| S15 | 0 | ("4653104" "4899391" "5307151" "5314274" "5552992" "6175638").PN. and assist             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:10 |
| S16 | 2 | ("4653104" "4899391" "5307151" "5314274" "5552992" "6175638").PN. and track              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:12 |
| S17 | 1 | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and track    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:13 |
| S18 | 1 | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and hand     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:22 |
| S19 | 0 | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and mobile   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:22 |
| S20 | 0 | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and portable | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:23 |
| S21 | 1 | ("4653104" "4899391" "5307151" "5314274" "5552992" "6175638").PN. and hand               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:23 |
| S22 | 0 | ("4653104" "4899391" "5307151" "5314274" "5552992" "6175638").PN. and mobile             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:23 |

## EAST Search History

|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S23 | 0     | ("4653104" "4899391" "5307151" "5314274" "5552992" "6175638").PN.<br>and portable   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:31 |
| S24 | 20216 | key with (replicat\$5 copy\$3<br>duplicat\$5)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:31 |
| S25 | 142   | key with (replicat\$5 copy\$3<br>duplicat\$5) with portable                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:32 |
| S26 | 0     | key with (replicat\$5 copy\$3<br>duplicat\$5) with portable with<br>assistance      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:32 |
| S27 | 4     | key with (replicat\$5 copy\$3<br>duplicat\$5) with portable with (GUI<br>interface) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:34 |
| S28 | 4246  | 382/100   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:34 |
| S29 | 1755  | 382/100 and key   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:34 |
| S30 | 4     | 382/100 and key with GUI  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:34 |
| S31 | 67    | 382/100 and key and GUI   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:34 |
| S32 | 10    | 382/100 and key with (copy duplicate)<br>and GUI                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:35 |
| S33 | 71    | "409" and key with (copy duplicate)<br>and GUI                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:35 |
| S34 | 0     | "409/81" and key with (copy<br>duplicate) and GUI                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:35 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S35 | 100  | "409/81" and key  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:35 |
| S36 | 0    | "409/81" and key and GUI  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:36 |
| S37 | 18   | "409/81" and key and interface  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/20 20:36 |
| S38 | 3178 | database with help  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/21 17:52 |
| S39 | 75   | database with help with update  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/21 17:56 |
| S40 | 77   | database with help with log   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/21 17:56 |
| S41 | 1796 | PDA with scan\$5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 13:45 |
| S42 | 138  | PDA with scan\$5 with interface   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 13:45 |
| S43 | 31   | PDA with scan\$5 with (help assistance)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 14:00 |
| S44 | 24   | "6270271"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 14:01 |
| S45 | 1    | "20020131636"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 14:02 |
| S46 | 0    | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and (shift with register) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 17:26 |

## EAST Search History

|     |   |  |   |    |     |                  |
|-----|---|--|---|----|-----|------------------|
| S47 | 0 | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and (radio with frequency) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 17:26 |
| S48 | 0 | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and (radio with freq\$5)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 17:26 |
| S49 | 3 | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and (stock)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 17:27 |
| S50 | 0 | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and (auto\$6 with stock)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 17:27 |
| S51 | 7 | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and (auto\$6 )             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 17:29 |
| S52 | 0 | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and (alphanumeric)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 17:30 |
| S53 | 0 | ("4653104" "4899391" "5307151" "5314274" "5552992" "6175638").PN. and (alphanumeric)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 17:30 |
| S54 | 0 | ("4653104" "4899391" "5307151" "5314274" "5552992" "6175638").PN. and (register)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 17:30 |
| S55 | 0 | ("4653104" "4899391" "5307151" "5314274" "5552992" "6175638").PN. and (radio)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 17:30 |
| S56 | 1 | ("4653104" "4899391" "5307151" "5314274" "5552992" "6175638").PN. and (freq\$6)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 17:30 |
| S57 | 3 | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and shift                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 18:01 |
| S58 | 1 | ("5351409" "5807042" "5908273" "6064747" "6065911" "6152662" "6406227").PN. and frequency              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 18:02 |

## EAST Search History

|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S59 | 1     | ("4653104" "4899391" "5307151" "5314274" "5552992" "6175638").PN.<br>and frequency            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 18:03 |
| S60 | 1     | ("4653104" "4899391" "5307151" "5314274" "5552992" "6175638").PN.<br>and shift                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/22 18:03 |
| S61 | 20254 | key with (replicat\$5 copy\$3<br>duplicat\$5)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 13:44 |
| S62 | 28    | key with (replicat\$5 copy\$3<br>duplicat\$5) and ("shift register") and<br>"radio frequency" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 13:49 |
| S63 | 19    | key with (replicat\$5 copy\$3<br>duplicat\$5) and ("shift register") with<br>light\$3         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 13:53 |
| S64 | 75285 | series with light\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 13:53 |
| S65 | 146   | series with light\$3 with "shift register"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 13:53 |
| S66 | 0     | series with light\$3 with "shift register"<br>with identify                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 13:53 |
| S67 | 0     | series with light\$3 with "shift register"<br>same identify                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 13:53 |
| S68 | 25    | series with light\$3 with "shift register"<br>and identify                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 13:56 |
| S69 | 4     | series with light\$3 with "shift register"<br>and identify and radio                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 13:59 |
| S70 | 243   | key with (identification indentify<br>indentifying) with "radio frequency"                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 14:00 |



## EAST Search History

|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S71 | 1     | door adj key with (identification identify indentifying) with "radio frequency"           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 14:00 |
| S72 | 7     | mechanical adj key with (identification identify indentifying) with "radio frequency"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 14:01 |
| S73 | 4     | physical adj key with (identification identify indentifying) with "radio frequency"       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 14:01 |
| S74 | 11409 | (identification identify indentifying) with "radio frequency"                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 14:01 |
| S75 | 3465  | (identification identify indentifying) with "radio frequency" and "bar code"              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 14:02 |
| S76 | 984   | (identification identify indentifying) with "radio frequency" with "bar code"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 14:02 |
| S77 | 23    | object with (identification identify indentifying) with "radio frequency" with "bar code" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/11/25 14:02 |
| S78 | 2     | key with (duplicate copy) with blank with value with input                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/06/23 20:17 |
| S79 | 231   | key with (duplicate copy) with blank  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/06/23 20:17 |
| S80 | 3138  | key\$2 with match\$3 with system  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 15:51 |
| S81 | 4     | display with rack and virtual with key  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 15:54 |
| S82 | 1     | display with rack with key\$2 with match\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 15:55 |

## EAST Search History

|     |         |   |   |    |     |                  |
|-----|---------|---|---|----|-----|------------------|
| S83 | 122     | display with rack with key\$2                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 15:55 |
| S84 | 1133658 | match\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 15:55 |
| S85 | 1144889 | S83 adn S84                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 15:55 |
| S86 | 13      | S83 and S84                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 15:57 |
| S87 | 0       | key with duplincat\$4 and display with rack     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 15:58 |
| S88 | 1616760 | key with duplincat\$4 and physical wiht display | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 15:58 |
| S89 | 0       | key with duplincat\$4 and physical with display | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 15:58 |
| S90 | 15      | "5127532"                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 16:02 |
| S91 | 72386   | key with identif\$7                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 16:03 |
| S92 | 17      | disply with key\$2                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 16:02 |
| S93 | 108230  | (display rack drawer) with key\$2               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 16:03 |
| S94 | 180795  | S91 adn S93                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 16:03 |



## EAST Search History

|          |       |  |   |    |     |                  |
|----------|-------|--|---|----|-----|------------------|
| S95      | 11641 | S91 and S93  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 16:03 |
| S96      | 9941  | ( rack drawer) with key\$2                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 16:03 |
| S97      | 516   | S91 and S96  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 16:03 |
| S98      | 71    | key with identif\$7 with rack                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 16:20 |
| S99      | 42    | electronic with key with rack                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 16:39 |
| S10<br>0 | 10    | "6064747"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 16:40 |
| S10<br>1 | 4038  | electronic with rack   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 17:01 |
| S10<br>2 | 133   | electronic with display with rack                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 17:01 |
| S10<br>3 | 24    | electronic with display with rack and<br>(indicator duplicat\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 17:03 |
| S10<br>4 | 14    | key with display with rack and<br>(indicator duplicat\$4)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/17 17:03 |
| S10<br>5 | 888   | 221/13   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:32 |
| S10<br>6 | 2     | 221/13 and indicat   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:32 |

## EAST Search History

|          |     |  |   |    |     |                  |
|----------|-----|--|---|----|-----|------------------|
| S10<br>7 | 391 | 221/13 and display                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:32 |
| S10<br>8 | 2   | 221/13 and display and indentif\$5                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:35 |
| S10<br>9 | 9   | key\$2 with (lightboard "light board")                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:36 |
| S11<br>0 | 0   | indentifi\$6 with (lightboard "light board")           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:36 |
| S11<br>1 | 0   | indentif\$7 with (lightboard "light board")            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:37 |
| S11<br>2 | 0   | indentif\$7 same (lightboard "light board")            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:37 |
| S11<br>3 | 0   | indentif\$8 same (lightboard "light board")            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:37 |
| S11<br>4 | 1   | indentif\$8 and (lightboard "light board")             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:37 |
| S11<br>5 | 551 | (lightboard "light board")                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:37 |
| S11<br>6 | 335 | (lightboard "light board") and indicat\$4              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:38 |
| S11<br>7 | 43  | (lightboard "light board") with indicat\$4             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:38 |
| S11<br>8 | 17  | (lightboard "light board") with indicat\$4 and display | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:39 |

## EAST Search History

|          |        |   |   |    |     |                  |
|----------|--------|---|---|----|-----|------------------|
| S11<br>9 | 318682 | ( light\$2 LED) with indicat\$4                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:39 |
| S12<br>0 | 30619  | ( light\$2 LED) with indicat\$4 with display          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:39 |
| S12<br>1 | 30619  | (light\$2 LED) with indicat\$4 with display           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:40 |
| S12<br>2 | 44     | (light\$2 LED) with rack with indicat\$4 with display | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:52 |
| S12<br>3 | 94     | display with rack with LED                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:54 |
| S12<br>4 | 21     | "5537312"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 12:54 |
| S12<br>5 | 1361   | key with identification with network                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 13:06 |
| S12<br>6 | 894307 | key wth rack with identification with network         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 13:07 |
| S12<br>7 | 15     | key with duplication with network                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 13:07 |
| S12<br>8 | 13     | 211/120 and (network internet web)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 13:48 |
| S12<br>9 | 514    | key with duplication and (network internet web)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 13:48 |
| S13<br>0 | 19     | key with duplication with (network internet web)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 13:49 |

## EAST Search History

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S13<br>1 | 1079 | key with duplication  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 13:49 |
| S13<br>2 | 5203 | 382/100   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 13:49 |
| S13<br>3 | 2546 | 382/100 and network   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/28 13:50 |
| S13<br>4 | 83   | machine with internet with (update<br>upgrade)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/29 12:58 |
| S13<br>5 | 0    | duplication with machine with internet<br>with (update upgrade) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/29 12:58 |
| S13<br>6 | 0    | key with machine with internet with<br>(update upgrade)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/29 12:58 |
| S13<br>7 | 83   | machine with internet with (update<br>upgrade)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/11/29 12:58 |